

03-14-01

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PTO/SB/05 (08-00) (modified)

Approved for use through 9/30/2001, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

NEW UTILITY PATENT APPLICATION TRANSMITTAL

(only for new nonprovisional applications under
37 CFR 1.53(b))

| | |
|------------------------|--|
| Attorney Docket Number | 21676-05107 |
| First Named Inventor | Ernest Seagraves |
| Title | ENHANCED BITLOADING FOR MULTICARRIER COMMUNICATION CHANNEL |
| Express Mail Label No. | EL550795537US |

11036 U.S. PTO

09/804676

03/12/01

APPLICATION ELEMENTS

1. ☒ Fee Transmittal Form (in duplicate)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27
3. ☒ Specification Total Pages 37
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference(s) to Related Case(s)
 - Statement Regarding Fed sponsored R & D
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawing(s)
 - Detailed Description
 - Claim or Claims
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets 4
5. Oath or Declaration
 - a. ☐ New Declaration Total Pages
☐ Executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ Certified Copy of Priority Document(s) (if foreign priority
is claimed)
9. ☐ Power of Attorney or Authorization of Agent
10. ☐ 37 CFR 3.73(b) Statement
11. ☐ Preliminary Amendment
12. ☐ Information Disclosure Statement & PTO-1449
☐ Copies of IDS Citation(s)
13. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form
PTO/SB/35 or its equivalent
14. ☒ Return Postcard
15. ☐ _____
16. ☐ _____
17. ☐ _____

ADDRESS TO:

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: ____/____

Prior application information: Examiner: _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number and Bar Code
Label



00758

| | | | |
|-------------------|-----------------|-----------------------------------|----------------|
| Name (Print/Type) | Neil F. Mauprey | Registration No. (Attorney/Agent) | 42,833 |
| Signature | | Date | March 12, 2001 |

0002/PTO(modified)
Rev. 10/2000U.S. Department of Commerce
Patent and Trademark Office**FEE TRANSMITTAL****TOTAL AMOUNT OF PAYMENT**

Subtotal (1) + Subtotal (2) + Subtotal (3) =

(\$) PLEASE DEFER

Complete if Known

| | |
|------------------------|------------------|
| Application Number | NEW |
| Filing Date | HEREWITH |
| First Named Inventor | Ernest Seagraves |
| Group Art Unit | UNASSIGNED |
| Examiner Name | UNASSIGNED |
| Attorney Docket Number | 21676-05107 |

METHOD OF PAYMENT**1. The Commissioner is hereby authorized to:**

- ☐ Charge the indicated fees to the below mentioned deposit account
- ☐ Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account [†]
- ☒ Applicant claims small entity status
See 37 CFR 1.27

Deposit Account Number:

Deposit Account Name: FENWICK & WEST LLP

A Duplicate Copy of this authorization is attached

2. Payment Enclosed:

- ☐ Check ☐ Credit Card ☐ Other

FEE CALCULATION (fees effective 10/01/2000)**1. FILING FEE**

| Large Entity Fee Code/Fee | Small Entity Fee Code/Fee | Fee Description | Fee Due |
|------------------------------|------------------------------|--------------------|------------------|
| 101/\$710 | 201/\$355 | Utility Filing | 355 |
| 106/\$320 | 206/\$160 | Design Filing | |
| 108/\$710 | 208/\$355 | Reissue | |
| 114/\$150 | 214/\$75 | Provisional Filing | |
| SUBTOTAL (1) | | | (\$) 355 |

2. CLAIMS

| Large Entity Fee Code/Fee | Small Entity Fee Code/Fee | Fee Description |
|------------------------------|------------------------------|---|
| 103/\$18 | 203/\$9 | Claims in excess of 20 |
| 102/\$80 | 202/\$40 | Independent claims in excess of 3 |
| 104/\$270 | 204/\$135 | Multiple dependent claim |
| 109/\$80 | 209/\$40 | Reissue independent claims over original patent |
| 110/\$18 | 210/\$9 | Reissue claims in excess of 20 and over original patent |

3. ADDITIONAL FEES

| Large Entity Fee Code/Fee | Small Entity Fee Code/Fee | Fee Description | Fee Due |
|------------------------------|------------------------------|--|----------------|
| 105/\$130 | 205/\$65 | Surcharge - late filing fee or oath | |
| 127/\$50 | 227/\$25 | Surcharge-late provisional filing fee or cover sheet | |
| 147/\$2,520 | 147/\$2,520 | For filing a request for reexamination | |
| 115/\$110 | 215/\$55 | Extension for response within first month [†] | |
| 116/\$390 | 216/\$195 | Extension for response within second month [†] | |
| 117/\$890 | 217/\$445 | Extension for response within third month [†] | |
| 118/\$1,390 | 218/\$695 | Extension for response within fourth month [†] | |
| 128/\$1,890 | 228/\$945 | Extension for response within fifth month [†] | |
| 119/\$310 | 219/\$155 | Notice of Appeal | |
| 141/\$1,240 | 241/\$620 | Petition to revive unintentionally abandoned application | |
| 142/\$1,240 | 242/\$620 | Utility Issue Fee (Or Reissue) | |
| 143/\$440 | 243/\$220 | Design Issue Fee | |
| 122/\$130 | 122/\$130 | Petitions to the Commissioner | |
| 126/\$180 | 126/\$180 | Submission of Information Disclosure Statement | |
| 179/\$710 | 279/\$355 | Request for Continued Examination (RCE) | |
| 581/\$40 | 581/\$40 | Recording each patent assignment per property (times number of properties) | |
| 146/\$710 | 246/\$355 | Filing a submission after final rejection (37 CFR 1 129(a)) | |
| 149/\$710 | 249/\$355 | For each additional invention to be examined (37 CFR 1 129(b)) | |
| | | Other fee (specify) | |
| | | Other fee (specify). | |
| SUBTOTAL (3) | | | (\$) 0 |

| (Col 1) | | (Col 2) | | (Col 3) | | Fee | | Fee Due |
|--|-----------------------|---------|---------------------------------|---------|---------|-----|----|---------|
| For | No of Existing Claims | minus* | Highest No. Previously Paid For | = | Extra** | x | | |
| TOTAL | 31 | minus* | 20 or 0 | = | 11 | x | 9 | 99 |
| INDEP | 8 | minus* | 3 or 0 | = | 5 | x | 40 | 200 |
| [] First presentation of multiple dependent claim | | | | | | | | |

* Subtract the greater number of Col. 2

** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col 3

SUBTOTAL (2)**(\$) 299****SUBMITTED BY**

Typed or Printed Name

Neil F. Maloney

Signature

Complete (if applicable)

Reg Number

42,833

Date

March 12, 2001

[†] Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby